

### Abstract

A piezoelectric actuator, for instance for actuating a mechanical component, is proposed in which, with a multilayer construction of piezoelectric layers (2) and inner electrodes (3, 4; 10, 13) disposed between them, an alternate-side lateral contacting of the inner electrodes (3, 4; 10, 13) with outer electrodes (9; 19, 20) is possible. Before being put together to make the multilayer construction, the individual inner electrodes (10, 13) are rounded at the corners (11) formed by the cut edges. If the corners (11) each have a chamfer (16), then the corners of the chamfers may each also be rounded.

(Fig. 2)